

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 April 2001 (05.04.2001)

PCT

(10) International Publication Number
WO 01/24279 A1

(51) International Patent Classification⁷: **H01L 31/18**,
31/068, 21/225

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(21) International Application Number: PCT/NL00/00613

(22) International Filing Date:
1 September 2000 (01.09.2000)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1012961 2 September 1999 (02.09.1999) NL

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

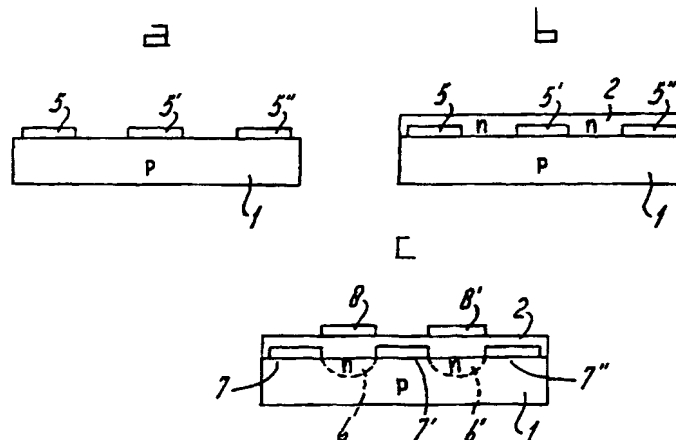
— With international search report.

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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR THE PRODUCTION OF A SEMICONDUCTOR DEVICE



(57) Abstract: The invention relates to a method for making a semiconductor device having a pattern of highly doped regions (6, 6') located some distance apart in a semiconductor substrate (1) and regions (7, 7', 7'') of low doping located between the highly doped regions (6, 6'). According to the invention a diffusion barrier material (5, 5', 5'') is applied to the semiconductor substrate at the location of the regions of low doping by means of imprinting with the barrier material in the pattern of the regions of low doping. The doping material is applied after or before imprinting with the barrier material so that the highly doped regions are formed essentially between the barrier material in the substrate. With the method according to the invention the doping concentrations in the regions of low doping and in the highly doped regions can be freely adjusted independently of one another so that a relatively low surface resistance can be obtained for the highly doped regions to give good conducting contact with the metalisation and a high surface resistance can be achieved in the regions of low doping.

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